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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket	Number	(Optional)
3817	1US (9	<u>7-1350.1)</u>

Application Number

N_t yet assigned

Applicant Michael B. Ball and Chad A. Cobbley

Filing Date December 14, 2000

Group Art Unit Unknown

2829 **U.S. PATENT DOCUMENTS** EXAMINER INITIAL DOCUMENT FILING DATE IF APPROPRIATE DATE NAME CLASS SUBCLASS NUMBER 21 May 1, 1990 Arai et al. 4,922,321 2/ 5,246,880 September 21, 1993 Reele et al. 50 5,361,695 November 8, 1994 Takagi et al. Trabucco 5,388,327 February 14, 1995 D 5,442,852 August 22, 1995 Danner 5,460,316 October 24, 1995 Hefele 5,473,197 **December 5, 1995** Idaka et al. 5,492,235 February 20, 1996 Crafts et al. 5,497,938 March 12, 1996 McMahon et al. Apr<u>il 2, 1996</u> Danner 5,504,277 Zhao 5,510,156 April 23, 1996 May 21, 1996 5,519,580 Natarajan et al. A 5,539,153 July 23, 1996 Schwiebert et al. Gaynes et al. 5,565,033 October 15, 1996 21 Schwiebert et al. 5,586,715 December 24, 1996 5,593,080 Teshima et al. January 14, 1997 21 5,600,180 February 4, 1997 Kusaka et al. 5,637,832 June 10, 1997 Danner 5,663,530 September 2, 1997 Schueller et al. **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.) **DATE CONSIDERED** 8-25-03 **EXAMINER** EvarPert

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet 2 of 2 **Docket Number (Optional) Application Number** Form PTO-1449 3817.1US (97-1350.1) Not yet assigned INFORMATION DISCLOSURE CITATION Applicant Michael B. Ball and Chad A. C bbley IN AN APPLICATION Filing Date December 14, 2000 (Use several sheets if necessary) Group Art Unit Unknown **U.S. PATENT DOCUMENTS** EXAMINER INITIAL DOCUMENT NUMBER FILING DATE DATE NAME CLASS SUBCLASS IF APPROPRIATE September 30, 1997 5,672,542 Schwiebert et al. October 14, 1997 5,676,853 Alwan 5,689,091 November 18, 1997 Hamzehdoost et al. 5,717,252 February 10, 1998 Nakashima et al. D 5,735,452 April 7, 1998 Yu et al. 50 5,741,624 April 21, 1998 Jeng et al. 21 5,751,068 May 12, 1998 McMahon et al. 51 5,787,580 August 4, 1998 Woo ŹP 5,796,038 August 18, 1998 Manteghi S 5,811,184 September 22, 1998 Anderson et al. 53 5,818,697 October 6, 1998 Armezzani et al. FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY CLASS SUBCLASS NUMBER YES NO **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.) 8-25-03 **EXAMINER DATE CONSIDERED** Even Port EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through

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Chart 1 ad 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION		3817.1US (97-1350.1) N t y t assigned Applicant Michael B. Ball and Chad A. Cobbl y						
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	20	5,246,880	September 21, 1993	Reele et al.				
	D	5,361,695	November 8, 1994	Takagi et al.			·	
	D	5,388,327	February 14, 1995	Trabucco				
	50	5,442,852	August 22, 1995	Danner	·	^		
	50	5,460,316	October 24, 1995	Hefele				
	50	5,473,197	December 5, 1995	Idaka et al.	-			
	20	5,492,235	February 20, 1996	Crafts et al.			_	
	EP	5,497,938	March 12, 1996	McMahon et al.				
	0	5,504,277	April 2, 1996	Danner				
	21	5,510,156	April 23, 1996	Zhao				
	25	5,519,580	May 21, 1996	Natarajan et al.		- E		
	Í	5,539,153	July 23, 1996	Schwiebert et al.		TOWHC	- 7	
-	8	5,565,033	October 15, 1996	Gaynes et al.	-	— <u>C</u>	REC	
5	Ś	5,586,715	December 24, 1996	Schwiebert et al.		7	<u> </u>	
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	E	5,637,832	June 10, 1997	Danner		000		
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Form PTO-1449				Docket Number (Optional) 3817.1US (97-1350.1) Application Number Not yet assigned				
INFORMATION DISCLOSURE CITATION				Applicant Michael B. Ball and Chad A. Cobbley				
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8	5,676,853	October 14, 1997	, A	lwan		·		·
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31	5,717,252	February 10, 1998	8 N	lakashima et al.				
58	5,735,452	April 7, 1998	Y	u et al.				
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28	5,751,068	May 12, 1998	M	IcMahon et al.		·		
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6	5,796,038	August 18, 1998	М	lanteghi				
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58	5,818,697	October 6, 1998	A	rmezzani et al.			• • •	
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